

PART A

1) $12 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

2) $54 + 29 + 133$

3) 2^4

4) $(4 + 5) \times 6$

5) $6 + 18 \div 3$

6) Find the cost of 8 pens at 65¢ each

7) $\frac{1}{3}$ of 1 day = hr

8) $\frac{5}{8} = \frac{20}{\square}$

9) How many minutes in $1\frac{3}{4}$ hr?

10) Find the MODE of 2, 3, 3, 4, 5, 5, 5

11) Name this figure (spelling counts)



12) Write a numeral for 6 hundred thousand and forty three

13) $\$6725 - \409.62

PART B

FOR THE FOLLOWING SCORES CALCULATE THE

9, 6, 5, 7, 9, 6, 8, 6

a) MEAN

b) RANGE

c) MEDIAN

d) MODE

PART C IN 30 HOCKEY GAMES

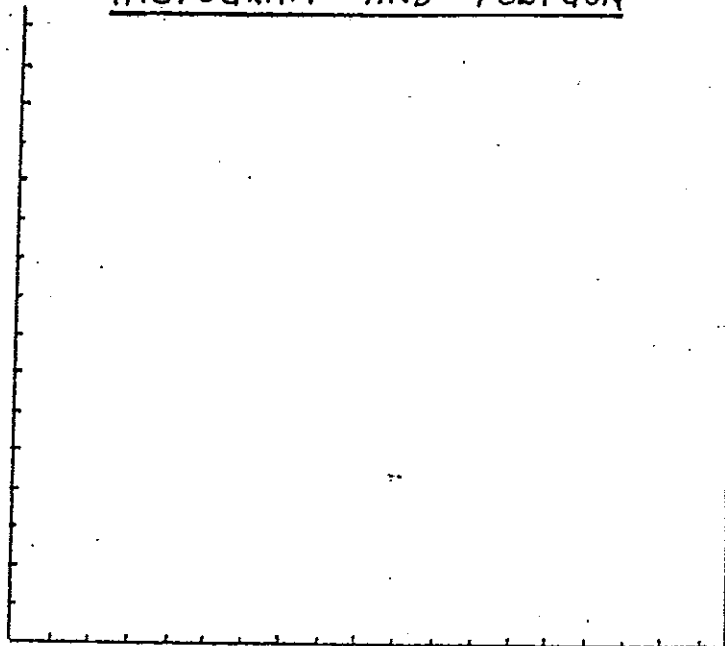
THE FOLLOWING GOALS WERE SCORED

1) 3 7 5 0 3 1 5 2
 0 5 2 6 4 6 5 4 5
 4 3 5 6 5 1 3 6 4

COMPLETE THE TABLE:

SCORE	TALLY	FREQ.	Fx
TOTAL			

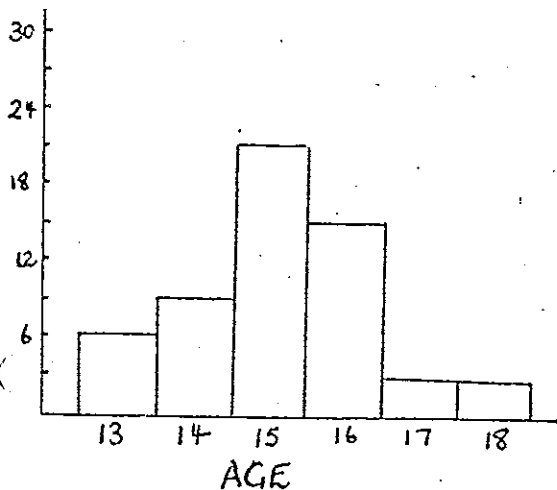
2) COMPLETE A FREQUENCY HISTOGRAM AND POLYGON



3) FROM THE TABLE, FIND THE MEAN

PART D

THE GRAPH BELOW SHOWS THE AGE OF STUDENTS AT A SUMMER CAMP



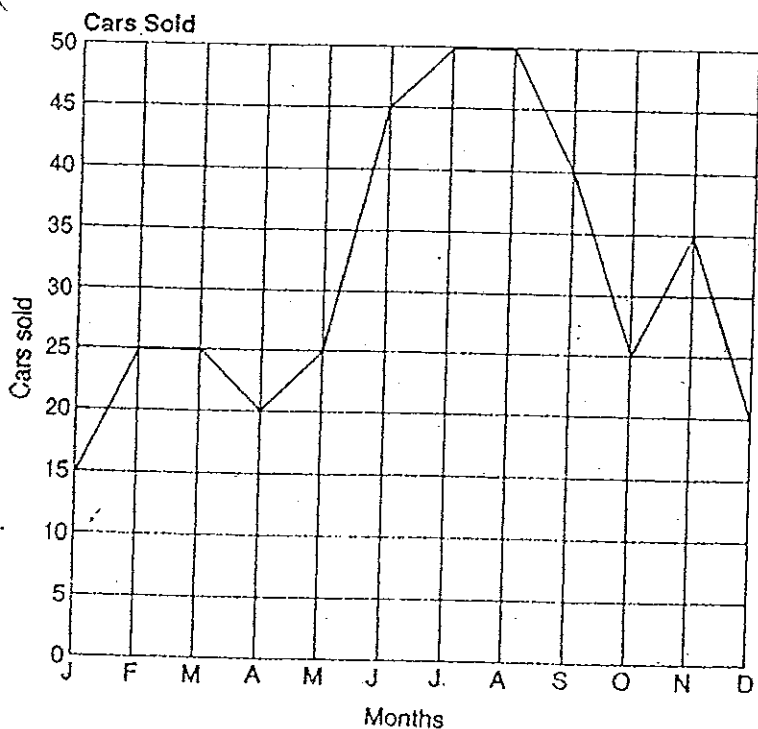
A) FROM THE GRAPH, COMPLETE THE TABLE BELOW

AGE (x)	FREQ	Fx
13		
14		
15		

- B) How many students were at the camp? _____
- c) Find the median age
- d) Find the range in ages.

PART E

THIS GRAPH SHOWS THE NUMBER OF CARS SOLD EACH MONTH BY A CAR DEALER.

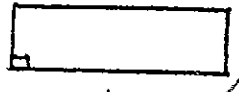


- a) How many cars were sold in November? _____
- b) In what month(s) were
- (i) the most cars sold? _____
- (ii) the least number of cars sold? _____
- c) What was the increase in cars from May to June? _____
- d) A new model car was introduced that was very popular. What month do you think this model was introduced? _____
- e) In how many months was the number of cars greater than the month before? _____

PART A

- 1) $12 \text{ cm} = \underline{120} \text{ mm}$ ✓
- 2) $54 + 29 + 133 = \underline{216}$ ✓
- 3) $2^4 = \underline{16}$ ✓
- 4) $(4 + 5) \times 6 = \underline{54}$ ✓
- 5) $6 + (18 \div 3) = \underline{12}$ ✓

- 6) Find the cost of 8 pens at 65¢ each
 $\underline{\$5.20}$ ✓
- 7) $\frac{1}{3}$ of 1 day = $\underline{8}$ hr ✓
- 8) $\frac{5}{8} = \frac{20}{\square} \frac{20}{32}$ ✓
- 9) How many minutes in $1\frac{3}{4}$ hr? $\underline{105}$ ✓
- 10) Find the MODE of 2, 3, 3, 4, 5, 5, 5
 $\underline{5}$ ✓

- 11) Name this figure (spelling counts)

 $\underline{\text{rectangle}}$ ✓
- 12) Write a numeral for 6 hundred thousand and forty three
~~600043~~
 $\underline{600,043}$ ✓
- 13) $\$6725 - \$409.62 = \underline{\$6315.38}$ ✓

PART B

FOR THE FOLLOWING SCORES CALCULATE THE
9, 6, 5, 7, 9, 6, 8, 6, 5, 6, 6, 6, 7, 8, 9, 9

a) MEAN $\frac{5075}{7}$	b) RANGE $\underline{4}$ ✓	c) MEDIAN $\underline{6.5}$ ✓	d) MODE $\underline{6}$ ✓
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PART C

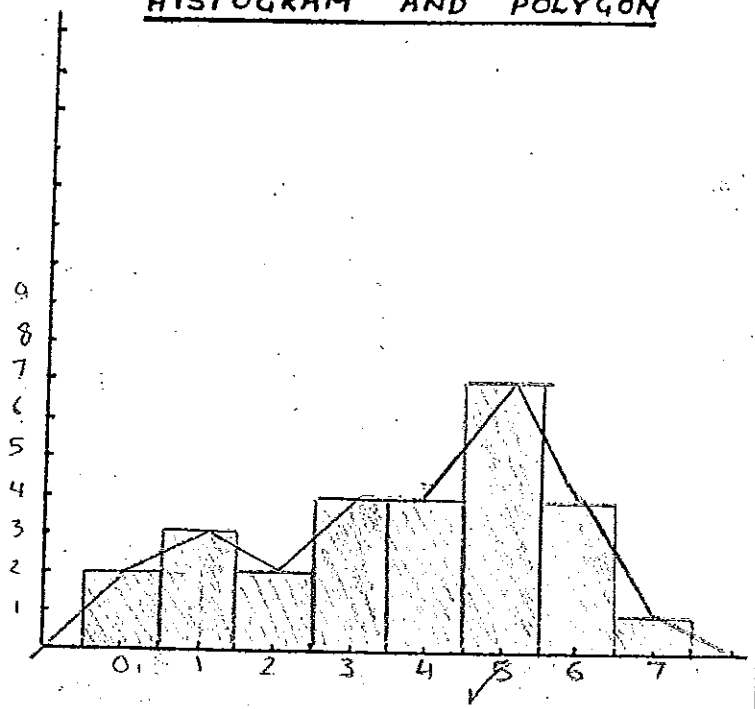
IN 30 HOCKEY GAMES THE FOLLOWING GOALS WERE SCORED

$\begin{matrix} \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup \\ \diagup & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup & \diagdown \\ \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup \end{matrix}$

COMPLETE THE TABLE:

SCORE	TALLY	FREQ.	Fx
0		2	2
1		3	3
2		2	4
3		4	12
4		4	16
5		7	35
6		4	24
7		1	7
TOTAL		$\underline{27}$ ✓	$\underline{103}$ ✓

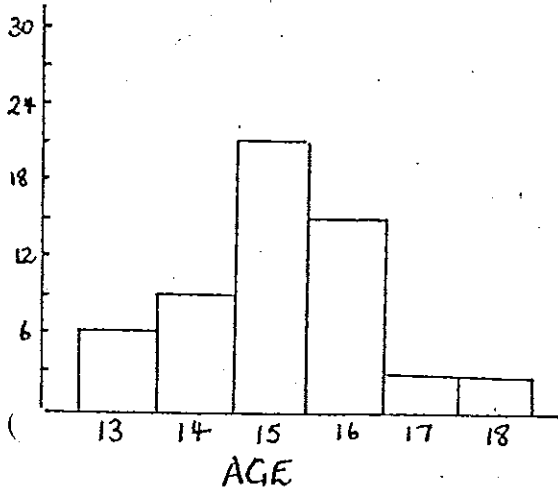
2) COMPLETE A FREQUENCY HISTOGRAM AND POLYGON



3) FROM THE TABLE, FIND THE MEAN
 $\underline{3.814}$ ✓

PART D

THE GRAPH BELOW SHOWS THE AGE OF STUDENTS AT A SUMMER CAMP



A) FROM THE GRAPH, COMPLETE THE TABLE BELOW

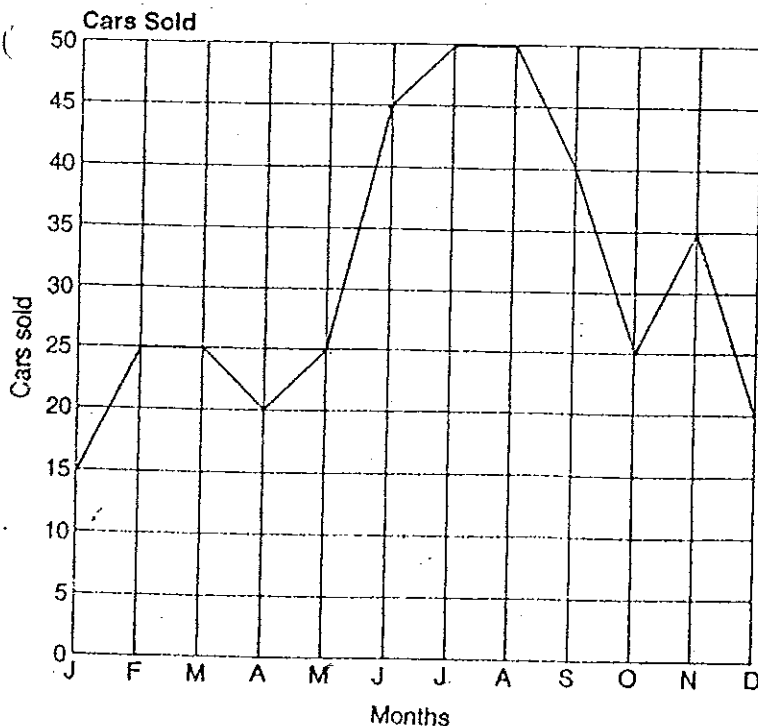
AGE (x)	FREQ	Fx
13	6	78
14	9	126
15	21	315
16	15	240
17	3	51
18	3	54

$\Sigma = 57$

- B) How many students were at the camp? 57
- C) Find the median age 15 and a half
- D) Find the range in ages. 5

PART E

THIS GRAPH SHOWS THE NUMBER OF CARS SOLD EACH MONTH BY A CAR DEALER.



- A) How many cars were sold in November? 35
- B) In what month(s) were
- the most cars sold? July + August
 - the least number of cars sold? January
- C) What was the increase in cars from May to June? 20
- D) A new model car was introduced that was very popular. What month do you think this model was introduced? March
- E) In how many months was the number of cars greater than the month before? 5